

Resource Summary Report

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R Project for Statistical Computing

RRID:SCR_001905

Type: Tool

Proper Citation

R Project for Statistical Computing (RRID:SCR_001905)

Resource Information

URL: <http://www.r-project.org/>

Proper Citation: R Project for Statistical Computing (RRID:SCR_001905)

Description: Software environment and programming language for statistical computing and graphics. R is integrated suite of software facilities for data manipulation, calculation and graphical display. Can be extended via packages. Some packages are supplied with the R distribution and more are available through CRAN family. It compiles and runs on wide variety of UNIX platforms, Windows and MacOS.

Abbreviations: R

Synonyms: R software, The R Project for Statistical Computing, R project, R Project, R, R version 3.5.1, R Package, R-3, R version 3.6.1, R Project for Statistical Computing

Resource Type: software resource

Defining Citation: [PMID:18252159](#)

Keywords: R software, statistical, computing, graphics, programming, language, bio.tools

Resource Name: R Project for Statistical Computing

Resource ID: SCR_001905

Alternate IDs: SCR_021974, nif-0000-10474, OMICS_01147, biotools:r

Alternate URLs: <https://cran.r-project.org/src/base/R-3/>, <https://bio.tools/r>

License: GNU General Public License

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Ratings and Alerts

No rating or validation information has been found for R Project for Statistical Computing.

No alerts have been found for R Project for Statistical Computing.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 52118 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Fein T, et al. (2026) The interaction between exercise and sleep with heart rate variability: cross-sectional study. *European journal of applied physiology*, 126(1), 223.

Dong B, et al. (2026) *Alternaria alternata* Effector Aa593 Promotes Virulence by Hijacking the CmNAC29-Mediated Absciscic Acid Biosynthesis Pathway in *Chrysanthemum*. *Plant biotechnology journal*, 24(2), 887.

West T, et al. (2026) Community-acquired bacterial meningitis in Southern Sweden 2013-2023: a population-based study of incidence, aetiology and diagnostic yield. *European journal of clinical microbiology & infectious diseases* : official publication of the European Society of Clinical Microbiology, 45(1), 103.

Cheng J, et al. (2026) Exploring the Link Between Stress-Induced Naive T-Cells and Esophageal Squamous Cell Carcinoma Risk: A Multi-Omics Investigation. *Annals of surgical oncology*, 33(2), 1789.

Dong J, et al. (2026) Temperature Thresholds Govern Microbial-Mediated Dissolved Organic Carbon Dynamics in Coastal Ecosystems. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(2), e11348.

Spiekman IAC, et al. (2026) Olaparib for patients with tumors harboring alterations in homologous recombination repair genes: Results from the drug rediscovery protocol. *International journal of cancer*, 158(6), 1617.

Valadkhani A, et al. (2026) Impact of Preoperative Functional Capacity on Postoperative Mortality and Morbidity: A Prospective Cohort Study. *Anesthesiology*, 144(3), 525.

Sun B, et al. (2026) CDK1-induced regulation of p53 phosphorylation at Ser315 mediates cell cycle arrest and apoptosis of macrophages infected with clinical isolates of *Mycobacterium tuberculosis*. *Molecular medicine reports*, 33(1).

Zhang Q, et al. (2026) Synergistic effects of Akebia saponin D and Semaglutide on diabetic nephropathy and osteoporosis via the Klotho-p53 signaling axis. *International journal of molecular medicine*, 57(1).

Galve-Huertas A, et al. (2026) Immediate implant using an inverted body-shift design versus a conventional conical implant: A randomized clinical trial with 1 year follow-up. *Medicina oral, patologia oral y cirugia bucal*, 31(2), e297.

Liu Z, et al. (2026) The CpxR response regulator mediates the virulence of *Klebsiella pneumoniae* by regulating the expression of virulence-associated genes. *Microbiology spectrum*, 14(1), e0292825.

Lettenmaier L, et al. (2026) 12 years of assembly patterns in saproxylic beetles suggest early decay wood as ephemeral resource patch. *The Journal of animal ecology*, 95(2), 282.

Kamarudin NHN, et al. (2026) Antimicrobial-Releasing Implant Substrates for Combating Oral Biofilms: An In Vitro Study. *Clinical oral implants research*, 37(2), 210.

Moedt E, et al. (2026) Baseline Risk and Longitudinal Changes in kidneyintelX.dkd and Its Association With Kidney Outcomes in the CANVAS and CREDENCE Trials. *Diabetes care*, 49(1), 92.

Pan X, et al. (2026) Immune Cell Type-Specific DNA Methylation Regions Associate With 24-Hour Blood Pressure Regulation in Black People. *Journal of the American Heart Association*, 15(6), e043163.

Uphill A, et al. (2026) Neuromuscular Performance Changes in Response to the Australian Special Forces Selection Course. *Military medicine*, 191(5-6), e1122.

De Marco L, et al. (2026) NOUS-209 Off-the-shelf Immunotherapy Has the Potential to Hit Primary and Metachronous Colorectal and Urothelial Cancers in Lynch Syndrome. *Molecular cancer therapeutics*, 25(4), 650.

Zhu M, et al. (2026) "One stone three birds": *Andrographis paniculata* -derived exosome-like nanoparticles mitigate dextran sulfate sodium-induced colitis. *Chinese medical journal*, 139(6), 891.

Yan Q, et al. (2026) Clinical and nutritional-inflammatory biomarkers-based nomogram predicts survival in recurrent or metastatic cervical cancer treated with immune checkpoint inhibitors. *Annals of medicine*, 58(1), 2603780.

Nakamura NH, et al. (2026) Task-related attentional processes are distinctly modulated by respiration and RR interval variability. *The journal of physiological sciences : JPS*, 76(1), 100053.